

**Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**

*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. **PCT/US03/36317** (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international applications designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

**Prior Applications:**

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: FINKEL, Toren

Residence: Bethesda, Maryland MD  
(city and either US state, if applicable, or country)

Mailing Address: 5011 Del Ray Avenue, Bethesda, Maryland 20814, United States of America

Citizenship: US

Inventor's Signature: [Signature]  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 12/16/03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: HILL, Jonathan M.

Residence: Bethesda, Maryland  
(city and either US state, if applicable, or country)

Mailing Address: 5011 Del Ray Avenue, Bethesda, Maryland 20814, United States of America

Citizenship: United Kingdom

Inventor's Signature: [Signature]  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: [Blank]  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**

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This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/US03/36317 (if furnishing declaration pursuant to Rule 26ter).

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Prior Applications:

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: FINKEL, Toren

Residence: Bethesda, Maryland  
(city and either US state, if applicable, or country)

Mailing Address: 5011 Del Ray Avenue, Bethesda, Maryland 20814, United States of America

Citizenship: US

Inventor's Signature: \_\_\_\_\_  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: \_\_\_\_\_  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: HILL, Jonathan M.

Residence: ~~Bethesda, Maryland~~ LONDON, UNITED KINGDOM GBX  
(city and either US state, if applicable, or country)

Mailing Address: ~~5011 Del Ray Avenue, Bethesda, Maryland 20814, United States of America~~

132 WOODWARDE ROAD  
DULWICH, LONDON, SE22  
8UR

Citizenship: United Kingdom

Inventor's Signature: *Jonathan Hill*  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 20/2/04  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Continuation of Box No. VIII (i) to (v) **DECLARATION**

See instruction in any of Boxes No. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (i) to (v), in such case, write "Continuation of Box No. VIII..." (indicate the item number of the Box) and furnish the information in the same manner as required for the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each declaration. If this Box is not used, this sheet should not be included in the request.

Continuation of Box No. VIII (iv) **DECLARATION: INVENTORSHIP**

300 QUYYUMI, Arshad A.

Residence: Atlanta, Georgia  
(city and either US state, if applicable, or country)

Home Address: 3478 Valley Road, N.W., Atlanta, Georgia 30305, United States of America

Citizenship: US

Inventor's Signature: [Signature]  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 12/19/03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name:

Residence:  
(city and either US state, if applicable, or country)

Home Address:

Citizenship:

Inventor's Signature:  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name:

Residence:  
(city and either US state, if applicable, or country)

Home Address:

Citizenship:

Inventor's Signature:  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name:

Residence:  
(city and either US state, if applicable, or country)

Home Address:

Citizenship:

Inventor's Signature:  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Toren FINKEL et al.

**Application No.** Filed herewith.

**Filed:** Herewith.

**Confirmation No.** Not applicable.

**For:** METHOD FOR DIAGNOSIS AND  
TREATMENT OF VASCULAR DISEASE

**Examiner:** Unknown.

**Art Unit:** Unknown.


**Attorney Reference No.** 4239-67020-02

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as Express Mail Label No. EV510808780US in an envelope addressed to: MAIL STOP PCT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent  
for Applicant(s)

Date Mailed

  
*May 11, 2005*

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE**

The Assignee hereby revokes any prior powers of attorney for this matter, and appoints practitioners associated with **Customer Number 36218** to represent the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services ("the Government") in connection with this patent application.

The Government is the assignee of the entire right, title and interest of the patent application as shown in the attached assignment.

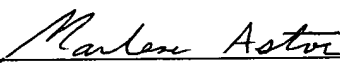
Please address all correspondence to **Customer Number 36218** at:

KLARQUIST SPARKMAN, LLP  
One World Trade Center, Suite 1600  
121 SW Salmon Street  
Portland, OR 97204-2988  
Telephone: 503-595-5300  
Fax: 503-228-9446

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for patent matters under the authority of the memorandum dated May 21, 1991, from Louis W. Sullivan, the Secretary of the Department of Health and Human Services, delegating the authority to the Heads of the Public Health Service Operating Divisions, as well as a memorandum dated February 2, 2004, from Mark L. Rohrbaugh, Ph.D., J.D., Director, Office of Technology Transfer, National Institutes of Health, delegating authority to sign this Power of Attorney to the undersigned individual. The undersigned is therefore authorized to exercise such authority in this matter.

Executed on April 26, 2005, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF  
HEALTH AND HUMAN SERVICES

  
Name: Marlene Astor  
Reg. No.: 46,005  
For: Mark Rohrbaugh, Ph.D., J.D.  
Director, Office of Technology Transfer  
National Institutes of Health  
Office of Technology Transfer  
6011 Executive Boulevard, Suite #325  
Rockville, MD 20852  
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